

Table 45. Higher education expenditure on R&D (HERD) at 2015 prices and PPP

Million 2015 USD

	2005	2014	2015	2016	2017	2018	2019
Australia	..	6 847.4	6 479.6 ^e	7 115.4	7 213.2 ^e	7 549.2	..
Austria	2 247.9 ^e	3 117.5 ^e	3 089.8	3 043.8 ^{b,e}	3 087.1	3 202.3	3 193.5
Belgium	1 812.6	2 498.2	2 571.1	2 816.1	2 835.0	2 872.3	2 942.1
Canada	9 065.9	10 239.2	10 612.6	10 982.5	11 118.0	11 496.8	11 436.6 ^p
Chile	..	582.5 ^b	598.4	659.8 ^{b,p}	685.1	722.4 ^p	..
Colombia	319.2	625.5	637.4	500.4	492.4	594.7	523.4
Czech Republic	626.7	1 688.2	1 706.8	1 251.9	1 338.3	1 623.3	1 722.5
Denmark	1 524.9	2 661.3	2 890.3	2 881.0	2 881.5	3 015.0	3 089.9 ^p
Estonia	126.8	238.9	232.9	174.7	212.7	275.8	262.1
Finland	1 401.8	1 667.4	1 631.0	1 639.8	1 710.9	1 739.2	1 798.4
France	9 577.1	13 536.0 ^b	13 549.9	12 546.1	12 807.1 ^p	12 863.6 ^p	12 861.2 ^p
Germany	13 798.2	19 543.3	19 719.5	21 087.7 ^b	21 626.4	22 645.9	23 091.1
Greece	992.4	905.7	1 057.0	923.7	948.9	1 018.6	1 176.9
Hungary	554.3 ^d	461.6 ^d	428.1 ^d	354.4 ^d	492.1 ^d	567.6 ^{b,d}	649.8 ^d
Iceland	79.3	99.1	104.2	112.6	118.3	119.2	126.4
Ireland	741.0	970.3	913.2 ^e	915.5	917.5 ^e	1 050.6	1 107.2 ^e
Israel ¹	1 217.3 ^d	1 498.1 ^d	1 534.7 ^d	1 520.3 ^d	1 436.9 ^d	1 473.9 ^{d,e}	1 462.1 ^{d,e}
Italy	7 420.4 ^b	7 946.6 ^e	7 652.7 ^e	7 491.8 ^e	7 453.3 ^e	7 565.4 ^e	7 693.0 ^e
Japan	20 669.8	21 761.5	20 690.3	20 002.2	20 312.8	19 953.2 ^b	20 093.9
Korea	3 374.4 ^d	6 939.7	6 995.9	7 249.6	7 475.3	7 848.9	8 282.9
Latvia	90.8	132.6	151.9	96.2	124.6	181.6	194.8
Lithuania	268.1	440.9	485.3	281.6	283.1	313.4	351.7
Luxembourg	10.7	117.5	139.8	152.8	162.5	157.6 ^e	153.3 ^{e,p}
Mexico	2 051.5	4 587.5	4 820.9	4 473.8	3 853.7 ^e	3 755.2 ^e	3 442.5 ^e
Netherlands	4 711.9	5 302.5	5 423.6	5 289.7	5 469.0	5 432.5	5 634.8
New Zealand	501.1	..	593.4	..	617.0	..	668.5 ^p
Norway	1 251.1	1 717.3	1 883.6	2 038.7	2 253.1	2 359.4	2 406.5
Poland	1 241.2	2 697.1	2 954.6	3 179.9	3 750.9	4 449.7	5 723.0
Portugal	834.3	1 775.5	1 739.7	1 795.2	1 820.7	1 874.5	1 935.1
Slovak Republic	113.3	467.8	826.1	363.2	373.3	360.9	377.8
Slovenia	138.4	157.9	146.0	146.5	147.5	170.9	183.4
Spain	4 939.4	5 454.5	5 572.1	5 471.7	5 638.3	5 772.6	5 974.9
Sweden	2 923.2	4 138.1 ^e	4 136.8	4 277.5 ^e	4 223.9	4 318.5 ^e	4 199.9 ^b
Switzerland	..	4 524.3	4 761.8	..	5 080.3
Turkey	3 786.0	6 617.3	7 033.2	7 115.4	7 180.0	7 190.9	7 244.1
United Kingdom	9 791.4	11 465.8	11 564.8	11 358.0	11 333.4	11 852.7	11 932.7 ^p
United States	56 256.3 ^d	62 945.6 ^d	64 621.0 ^d	67 070.3 ^d	69 071.1 ^d	71 045.7 ^d	73 359.7 ^{d,p}
EU27 (from 01/02/2020)	56 696.2 ^e	76 554.1 ^e	77 760.0 ^e	76 869.7 ^e	78 985.9 ^e	82 241.4 ^e	85 197.7 ^e
OECD-Total	171 696.0^e	216 960.9^e	219 941.5^e	221 946.3^e	226 543.2^e	233 237.7^e	238 713.7^e
Argentina	689.8	1 523.8	1 393.4	1 161.8	1 225.1	1 127.5	917.4
China	9 199.8	23 203.0	25 798.7	27 317.0	30 942.7	34 428.7	41 768.0
Romania	182.5	241.5	364.7	244.1	257.5	247.0	255.7
Russian Federation	1 562.3	3 772.9	3 723.3	3 546.1	3 601.2	3 543.2	4 165.6
Singapore	1 449.1	2 738.9	3 069.1	3 131.6	2 928.3	2 742.9	..
South Africa	892.1	1 512.5	1 695.5	1 867.0	1 979.0
Chinese Taipei	2 060.5	3 360.8	3 280.0	3 264.7	3 334.9	3 562.9	3 613.8

Note: Detailed metadata: <http://metalinks.oecd.org/msti/20210922/b090>

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1. Information on data for Israel: <http://dx.doi.org/10.1787/888932315602>

Source: OECD, Main Science and Technology Indicators database